

## ABSTRACT

An apparatus and method for molding three-dimensional articles having interstitials. The article has elongate elements and interstitials between the elongate elements. The interstitials may extend entirely through the article, or intercept only the periphery of the article. The article may be formed by injection molding, using two or more mold segments, each having elongate members. The mold segments are separated from each other in a separation direction. The separation direction is parallel to the elongate members of the mold segments and/or the elongate elements of the article. The method and apparatus according to the present invention is useful for making a static mixer, heat exchanger or similar article.